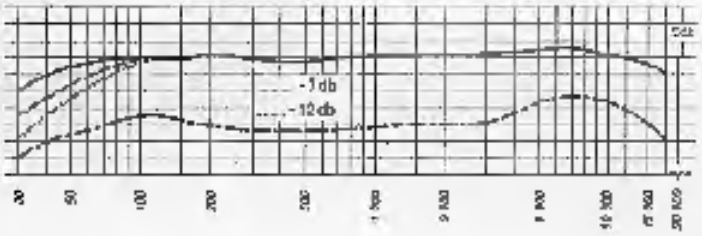
D 20 B D 25 B

Dynamic Cardioid Microphones

The D 20 B is a dynamic directional microphone with a very pronounced cardioid polar pattern. Since its cardioid action is independent of frequency throughout the entire wide range, it is best suited for applications where loudspeakers are within close range or where sounds from the rear must not be picked up.
The particularly flat frequency response (deviating only 2.5 db from the standard curve) and the extremely favorable discrimination (higher than 20db any where) are outstanding features of this D 20 B studio microphone.
The robust construction and the built-in steel suspension guarantee many years of trouble-free service. The sensitive side of the microphone is easily distinguished by the light colored grille protecting the microphone against wind and breathing noises.
The SHZ 4 universal thread adapter provided in the stand connection permits the microphone to be connected to all microphone stands or booms.

PARTS SUPPLIED

The D 20 B is delivered in case, with A S 17 B connector. The D 25 B in case with 12' 3" (6 m) shielded 2-conductor cable with free ends.



ACCESSORIES

(For D 20 B)
Floor stand St 200, floor stand St 201 stable, floor stand St 102 (as St 101, but with boom), heavy table stand St 301, table stand St 10, studio-matching transformers U 3027 and U 3053, flexible microphone shaft MSU 26.

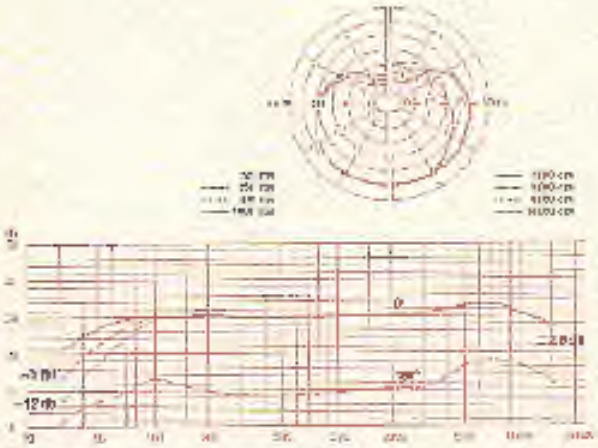
(For D 25 B)
Floor stand St 200, floor stand St 101 stable, floor stand St 102 (as St 101, but with boom), heavy table stand St 301, large microphone boom stand SM 511/1, studio-matching transformers U 3027 and U 3053, windscreen W 25 A.

The D 25 B microphone differs from the D 20 B that it has a rubber suspension within a swivel frame. This microphone has the same technical specifications as the D 20 B with the exception of the microphone cable.
Due to its special construction the D 25 B is particularly suitable for use with large boom stands on stages and in television studios.

TECHNICAL DATA

		D 20 B	D 25 B
Frequency range:		30 ... 16 000 cps	30 ... 16 000 cps
Frequency response:		± 2,5 db rel. to published curve	± 2,5 db relative to published curve
Directional characteristic:		cardioid	cardioid
Front-to-back ratio at 180° sound incidence:		better than 20 db	better than 20 db
Bass attenuation switch:		0, -7, -12 db at 30 cps	0, -7, -12 db at 30 cps
Impedance:		200 ohms, 60 ohms if specified	200 ohms, 60 ohms if specified
Sensitivity, unloaded:		0,16 mV/μbar (-77 db re 1 v/dyne/cm²)	0,16 mV/μbar (-77 db re 1 v/dyne/cm²)
Connection:	D 20 B:	AKG connector A S 17 B (supplied), 1-2 = moving coil, 3 = ground	
	D 25 B:	microphone cable without connector, (free wire ends), 14' 6" (5 m) long	
Stand connector:	D 20 B:	built-in thread adapter SHZ 4, for 3/8", 1/2" and 5/8" -27	
	D 25 B:	built-in thread adapter SHZ 4, for 3/8", 1/2" and 5/8" -27	
Dimensions:	D 20 B:	7 5/16" x 3 1/16" x 2 1/8" (186 x 77 x 54 mm)	
	D 25 B:	7 1/8" x 3 1/8" x 3 1/8" (180 x 80 x 80 mm)	
Weight:	D 20 B:	1 lb. 9,6 ozs. net (730 g), shipping weight: 3 lbs. 11,2 ozs. (1 700 g)	
	D 25 B:	1 lb. 12,8 ozs. net (540 g), shipping weight: 4 lbs. 8,0 ozs. (2 100 g)	

- Professional Dynamic Cardioid Microphone
- Very pronounced cardioid pattern and particularly flat frequency response
- Shock mounted on a built-in steel suspension
- Rugged wire mesh grill with pop-screen built-in
- Effective magnetic shielding allows good pick-up at very low sound levels
- Bass attenuation switch: 0, -7, -12 db at 50 cps. Provides clear response at close talking
- AKG connector 3S17B and thread adapter 3HZ4 are supplied in elegant wooden case



Frequency Range: 30... 15000 cps. Sensitivity for D20B/60: 0.09mv/ubar (-61 dbv), for D 20B/200: 0.18 mv/ubar (-70 dbv). Impedance: for D20B/60: 60 ohms ±15%; for D20B/200: 200 ohms ±15%. Min. Actual Load Impedance for D20B/60: ≥ 300 ohms; for D20B/200: ≥ 1000 ohms. Weighted Noise Level: 0.36 ubar (Filter CCIF 1964 DIN 45405). Unweighted Noise Level: 0.5 ubar. Max. Sound Level for 1% thdc 500 ubar (120 db).

D 20B

Dynamic Studio Microphone

Order number: **D 20B/60** delivery includes:

- Dynamic Studio Microphone D 20B/60 (60 ohms impedance), 630 g • AKG mating connector 3S17B, 40 g • Wooden case, 430 g • Weight with individual packing, ca. 1200 g.

Order number: **D 20B/200** delivery includes:

- Same as D 20B/60, but Microphone with 200 ohms impedance